



#2413
J. Douglas
4/17/03

Attorney Docket No.: SUN-P5640

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent

In re Application of:

Inventor(s): Thomas O'Neill

Serial No.: 09/778,569

Examiner:

Filed: 02/07/01

Art Unit:

For: DISTRIBUTED INTRAFRAME TRANSMISSION IN DIGITAL VIDEO COMPRESSION

Patent No.:

Issued Date:

RECEIVED

APR 10 2003

Technology Center 2600

**Assistant Commissioner for Patents
Washington, D.C. 20231**

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)**

As assignee of record of the entire interest of the above identified

☒ application,
☐ patent,

REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

NEW POWER OF ATTORNEY

the following attorney(s) and/or agents(s) are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected herewith.

James P. Hao	Registration No.: 36,398
Anthony C. Murabito	Registration No.: 35,295
John P. Wagner	Registration No.: 35,398
Glenn D. Barnes	Registration No.: 42,293
Thomas M. Catale	Registration No.: 46,434
Jose S. Garcia	Registration No.: 43,628
Eric J. Gash	Registration No.: 46,274
Lin C. Hsu	Registration No.: 46,315
Ronald M. Pomerence	Registration No.: 43,009
John F. Ryan	Registration No.: 47,050
Matthew J. Blecher	Registration No.: 46,558
Lawrence R. Goerke	Registration No.: 45,927
Reginald A. Ratliff	Registration No.: 48,098
William A. Zarbis	Registration No.: 46,120

Mehlin Dean Matthews	Registration No.: 46,127
Joel D. Youngs	Registration No.: 52,389
Michael R. Hardaway	Registration No.: P-52,992
Timothy J. Crean	Registration No.: 37,116
Alexander E. Silverman	Registration No.: 37,940
Anirma R. Gupta	Registration No.: 38,275
Sean P. Lewis	Registration No.: 42,798
Michael J. Schallop	Registration No.: 44,319
Bernice B. Chen	Registration No.: 42,403
Noreen A. Krall	Registration No.: 39,734
Pavel I. Pogodin	Registration No.: 48,205
Monica Ward	Registration No.: 40,696
Marc D. Foodman	Registration No.: 34,110
Elaine Lee	Registration No.: 41,936
Paul D. Sorkin	Registration No.: 39,039
Marilyn E. Glaubensklea	Registration No.: 35,521
Andrew C. Chen	Registration No.: 43,554
Jeffrey L. Myers	Registration No.: 44,252

SEND CORRESPONDENCE TO:

WAGNER, MURABITO & HAO LLP
 Two North Market Street
 Third Floor
 San Jose, CA 95113

DIRECT PHONE CALLS TO:

Anthony C. Murabito
 (408) 938-9060

Sun Microsystems, Inc.
(type or print identity of assignee of entire interest)

4150 Network Circle
Santa Clara, CA 95054
Address

- ☒ Recorded in PTO on 02/07/01
Reel 011539
Frame 0910
- ☐ Recorded herewith

ASSIGNEE CERTIFICATION

Attached to this power is a "CERTIFICATE UNDER 37 CFR 3.73(b)."

Date

3/25/03

Signature



Sean P. Lewis
(type or print name of person authorized to sign on behalf
of assignee)

Senior Counsel
Title



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MAY 08, 2001

PTAS



101625421A

COUDERT BROTHERS
J.D. HARRIMAN II
333 SOUTH HOPE STREET
SUITE 2300
LOS ANGELES, CA 90071

RECEIVED

APR 10 2003

**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

Technology Center 2600

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/07/2001

REEL/FRAME: 011539/0910
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
O'NEILL, THOMAS

DOC DATE: 01/29/2001

ASSIGNEE:
SUN MICROSYSTEMS, INC.
901 SAN ANTONIO ROAD
PALO ALTO, CALIFORNIA 94303

SERIAL NUMBER: 09778569
PATENT NUMBER:

FILING DATE: 02/07/2001
ISSUE DATE:

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

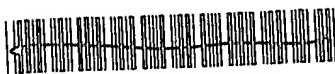
RECEIVED

MAY 14 2001

COUDERT BROTHERS



03-05-2001



101625421

APPLICATION

ef.: 0007056-0163/P5640/RSH
January 7, 2001

FORM PTO-1585

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

2-7-01

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Thomas O'Neill

2. Name and address of receiving party(ies):

Sun Microsystems, Inc.
901 San Antonio Road
Palo Alto, CA 94303

RECEIVED

APR 10 2003

3. Nature of conveyance:

- ☒ Assignment
☐ Security Agreement
☐ Merger
☐ Change of Name
☐ Other:

"Express Mail" mailing label number

EL 782718378 US

Date of Deposit: February 7, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 CFR § 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Technology Center 2600

Execution Date: January 29, 2001

4. Application number(s) or patent number(s): 1

If this document is being filed together with a new application, the execution date of the application is: January 29, 2001

A. Patent Application No.(s)

B. Patent No.(s)

09728569

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

J.D. Harriman II
COUDERT BROTHERS
333 South Hope Street, Suite 2300
Los Angeles, CA 90071

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h)): \$40.00

☒ Enclosed

8. The Commissioner is hereby authorized to charge any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 501215. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 501215.

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

J.D. Harriman II
Registration No. 31,967

Date:

2/7/01

*Total number of pages comprising cover sheet: 2

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I (We) the undersigned, **THOMAS O'NEILL** hereby sell(s), assign(s) and transfer(s) to **SUN MICROSYSTEMS, INC.**, a Delaware Corporation, having a principal place of business at 901 San Antonio Road, Palo Alto, California 94303, ("Assignee"), its successors, assigns and legal representatives, my (our) entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is being filed concurrently herewith, and is entitled: **"DISTRIBUTED INTRAFRAME TRANSMISSION IN DIGITAL VIDEO COMPRESSION"** and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has (have) been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Dated: January 23, 2001
Thomas O' Neill